

Brief description of drawings.

Page 1/7 (amended).

Fig. 1: Three – phase thermodynamic cycle diagram. Spontaneous aggregation (dotted lines (29).

Fig. 2: Slot in face and side view. Diverging inner surfaces. Microscopic cross section (side view). Macroscopic length 20mm (30).

Fig. 3: Cone in face and side view.

Fig. 4: Cavity in face and side view.

Page 2/7.

Fig. 5: Complete device of the invention (side view and cross section S-S).

Page 3/7 (amended).

Fig. 6: Small modules (m), panel (13) of parallel slots, cone and cavity panels (14), pile of panels (15).

Fig. 7: Arrangement (18) of modules (m). The arrows indicate the directions of the gas stream (31).

Page 4/7.

Fig. 8: Heat exchanger diagram, corresponding flow diagram.

Page 5/7.

Fig. 9: Slot panel (arrangement of parallel triangular rods (19), forming slots (s) in between).

Fig. 10: Cone panel (21).

Page 6/7.

Fig.11: Possible scheme for cone panel fabrication.

Fig. 12: Cavity panel (23).

Page 7/7.

Fig. 13: Forming of active surfaces on cavities.

Fig. 14: Ditto

-----